

Wyoming IDB Pharmacy Database FY03
Preliminary Reporting
December 1, 2004

18% of IDs use 44% of all resources in the file

The file includes mental health and non-mental health medications. Interestingly, the file includes some IDs with no associated mental health class meds (they would be IDs associated with behavioral health in the Medical Services file).

IDs associated with a therapeutic class of "Anti-Psychotic--Typical" accounted for \$9,246,572 of the \$21M in the file when all classes of medications were taken into account.

(Roxanne passed on the therapeutic class codes used in Medicaid and Kathy noted they come from FirstDataBank so we could generate reports more comparable with the Medicaid Pharmacy Committee.)

There are five tables following:

- I. is a count of IDs and sum of payments by therapeutic class.
- II. is a count of IDs and the number of therapeutic classes associated with IDs.
- III. looks at IDs associated with "Antipsychotics - Typical" then reports all other classes used by this group.
- IV. does III. for all therapeutic classes
This is a complex table. Select a class in a row and follow across to see other classes used by IDs in this class. (It doesn't work for columns!).

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I. Count of IDs and Sum of Payments by Therapeutic Class

Therapeutic Group	Count	<i>% of Total</i>	Payments	<i>% of Total</i>	Avg Pay
non-MH NO MH Class	3,440	31%	\$ 1,578,124	7%	\$ 459
non-MH with MH Class	7,170	65%	\$ 9,974,928	47%	\$ 1,391
Mental Health					
ADHD	1,628	15%	\$ 761,206	4%	\$ 468
Anti-Anxiety	1,641	15%	\$ 187,258	1%	\$ 114
Anti-Convulsants (Anti-Ep	2,081	19%	\$ 1,732,270	8%	\$ 832
Anti-Depressant	5,654	51%	\$ 2,973,875	14%	\$ 526
Anti-Psychotic--Typical	2,014	18%	\$ 3,770,322	18%	\$ 1,872
Atypical Anti-Psychotic	73	1%	\$ 69,078	0%	\$ 946
Sleeping Agents	699	6%	\$ 61,919	0%	\$ 89
MH Total (unduplicated)	7,633	69%	\$ 9,555,928	45%	\$ 1,252
Total (unduplicated)	11,073	100%	\$ 21,108,980	100%	\$ 1,906

Observations

Entire File

- 31% of IDs (3,440) in the file had No MH class payments and \$1,578,124 " non-MH" payments (These IDs were identified by virtue of BH claims in Medical or Facility Services .)
- Over one-half of payments were for non-MH class drugs.

Mental Health (MH Class)

- There were \$9.6 Million in payments for MH class meds.
(This is a little less than the Pharmacy Committee report as would be expected.)
These payments were made for 7,633 IDs with an average cost of \$1,252.
- The vast majority also had non-MH class payments
- IDs receiving typical anti-psychotic class meds had the highest total and average cost.

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II. IDs with MH Class Payments Count of MH Therapeutic Classes

	Count IDs		Payments		Avg Pay
1	3,859	51%	\$1,742,355	18%	\$ 452
2	2,076	27%	\$2,913,642	30%	\$ 1,403
3	1,150	15%	\$2,933,808	31%	\$ 2,551
4	430	6%	\$1,444,200	15%	\$ 3,359
5	102	1%	\$ 451,109	5%	\$ 4,423
6	13	0%	\$ 63,788	1%	\$ 4,907
7	3	0%	\$ 11,006	0%	\$ 3,669
	7,633	100%	\$9,559,908	100%	\$ 1,252

Almost one-half of IDs had only one MH class med. They had 18% of payments and a low average pay.
Average payments increased significantly with the number of MH class meds taken.

III. IDs With "AntiPsychotics - Typical" Class Payments And Other Classes For these IDs

The previous analysis looked at the number of IDs and Payments for a particular class of medications.
This analysis looks at all medications for the same IDs.

Count of IDs and Sum of Payments taking this class

For IDs taking this Class	non-MH	ADHD	Anti- Anxiety	Anti- Convulsants (Anti-Ep	Anti- Depressant	Anti- Psychotic-- Typical	Atypical Anti- Psychotic	Sleeping Agents	Total
Anti-Psychotic--Typical	1,899	296	503	931	1,511	2,014	63	219	2,014
Anti-Psychotic--Typical	\$ 3,081,144	\$ 170,594	\$ 84,993	\$ 906,501	\$1,148,396	\$ 3,770,384	\$ 64,246	\$ 20,315	\$ 9,246,573
Average Cost	\$ 1,623	\$ 576	\$ 169	\$ 974	\$ 760	\$ 1,872	\$ 1,020	\$ 93	\$ 4,591

The following table provides this analysis for all medication classes.
Caution: rows and columns do not add up to meaningful figures.

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IV. Crosstabs of IDs Taking One Therapeutic Class by All Classes Paid

Diagonals on these tables match figures from table "Count of IDs and Sum of Payments"

Tables are useful looking at one Class at a time to see other Classes used; read rows across (not columns down)

For instance 2,00 IDs were in the "Anti-Psychotic--Typical" Class; 1,493 also used the "Anti-Depressant" Class

For IDs taking this Class	Count of IDs in All Classes Paid								
	non-MH	ADHD	Anti- Anxiety	Anti- Convul.	Anti- Depressant	Anti-Psych.- Typical	Atypical Anti-	Sleeping Agents	
non-MH NO MH Class	3,440								3,440
non-MH with MH Class	7,170	1,350	1,601	1,992	5,268	1,899	69	684	7,170
ADHD	1,350	1,628	114	264	707	296	23	52	1,628
Anti-Anxiety	1,601	114	1,641	632	1,241	503	26	317	1,641
Anti-Convulsants (Anticonvulsants)	1,992	264	632	2,081	1,536	931	45	273	2,081
Anti-Depressant	5,268	707	1,241	1,536	5,654	1,511	55	562	5,654
Anti-Psychotic--Typical	1,899	296	503	931	1,511	2,014	63	219	2,014
Atypical Anti-Psychotic	69	23	26	45	55	63	73	14	73
Sleeping Agents	684	52	317	273	562	219	14	699	699

For IDs taking this Class	Sum of Payments for All Classes Paid								
	non-MH	ADHD	Anti- Anxiety	Anti- Convul.	Anti- Depressant	Anti-Psych.- Typical	Atypical Anti-	Sleeping Agents	
non-MH NO MH Class	\$ 1,578,124								\$ 1,578,124
non-MH with MH Class	\$ 9,974,928	\$ 652,573	\$ 187,790	\$ 1,690,110	\$ 2,832,944	\$ 3,547,389	\$ 64,536	\$ 61,164	\$19,011,434
ADHD	\$ 1,178,523	\$ 761,269	\$ 17,004	\$ 191,653	\$ 419,028	\$ 455,806	\$ 24,756	\$ 4,719	\$ 3,052,757
Anti-Anxiety	\$ 3,793,041	\$ 55,660	\$ 189,765	\$ 566,432	\$ 767,203	\$ 943,084	\$ 24,068	\$ 31,591	\$ 6,370,844
Anti-Convulsants (Anticonvulsants)	\$ 4,241,907	\$ 157,799	\$ 86,548	\$ 1,732,494	\$ 1,075,199	\$ 1,901,317	\$ 47,791	\$ 28,875	\$ 9,271,930
Anti-Depressant	\$ 8,181,322	\$ 390,505	\$ 150,082	\$ 1,272,548	\$ 2,974,600	\$ 2,843,691	\$ 58,370	\$ 54,369	\$15,925,486
Anti-Psychotic--Typical	\$ 3,081,144	\$ 170,594	\$ 84,993	\$ 906,501	\$ 1,148,396	\$ 3,770,384	\$ 64,246	\$ 20,315	\$ 9,246,572
Atypical Anti-Psychotic	\$ 92,649	\$ 9,749	\$ 1,889	\$ 46,043	\$ 40,699	\$ 198,373	\$ 69,078	\$ 946	\$ 459,426
Sleeping Agents	\$ 1,931,571	\$ 20,569	\$ 37,319	\$ 243,365	\$ 354,712	\$ 371,664	\$ 14,798	\$ 62,318	\$ 3,036,317

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For IDs taking this Class	Average of Payments for All Classes Paid									
	non-MH	ADHD	Anti- Anxiety	Anti- Convulsants (Anti-Ep	Anti- Depressant	Anti- Psychotic-- Typical	Atypical Anti- Psychotic	Sleeping Agents		
non-MH NO MH Class	\$ 459									\$ 459
non-MH with MH Class	\$ 1,391	\$ 483	\$ 117	\$ 848	\$ 538	\$ 1,868	\$ 935	\$ 89		\$ 2,652
ADHD	\$ 873	\$ 468	\$ 149	\$ 726	\$ 593	\$ 1,540	\$ 1,076	\$ 91		\$ 1,875
Anti-Anxiety	\$ 2,369	\$ 488	\$ 116	\$ 896	\$ 618	\$ 1,875	\$ 926	\$ 100		\$ 3,882
Anti-Convulsants (Anti-Epilepsy)	\$ 2,129	\$ 598	\$ 137	\$ 833	\$ 700	\$ 2,042	\$ 1,062	\$ 106		\$ 4,456
Anti-Depressant	\$ 1,553	\$ 552	\$ 121	\$ 828	\$ 526	\$ 1,882	\$ 1,061	\$ 97		\$ 2,817
Anti-Psychotic--Typical	\$ 1,623	\$ 576	\$ 169	\$ 974	\$ 760	\$ 1,872	\$ 1,020	\$ 93		\$ 4,591
Atypical Anti-Psychotic	\$ 1,343	\$ 424	\$ 73	\$ 1,023	\$ 740	\$ 3,149	\$ 946	\$ 68		\$ 6,294
Sleeping Agents	\$ 2,824	\$ 396	\$ 118	\$ 891	\$ 631	\$ 1,697	\$ 1,057	\$ 89		\$ 4,344